abcam

Product datasheet

Recombinant Human PAR4 protein ab114724

画像数 1

製品の詳細

製品名	Recombinant Human PAR4 protein
発現系	Wheat germ
アクセッション番号	Q96IZ0
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	SVSEEDVSSRYSRTDRSGFPRYNRDANVSGTLVSSSTLEKKI EDLEKEVV RERQENLRLVRLMQDKEEMIGKLKEEIDLLNRDLDDIEDENE QLKQENKT LLKVVGQLTR
予測される分子量	38 kDa including tags
領域	231 to 340
タグ	GST tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab114724** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	ELISA
	SDS-PAGE
	Western blot
製品の状態	Liquid

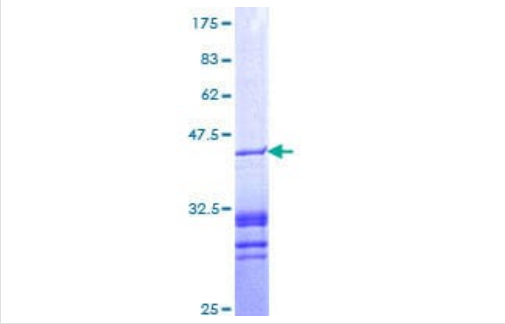
前処理および保存

保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles.
	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl

関連情報

機能	Pro-apoptopic protein capable of selectively inducing apoptosis in cancer cells, sensitizing the cells to diverse apoptotic stimuli and causing regression of tumors in animal models. Induces apoptosis in certain cancer cells by activation of the Fas prodeath pathway and coparallel inhibition of NF-kappa-B transcriptional activity. Inhibits the transcriptional activation and augments the transcriptional repression mediated by WT1. Down-regulates the anti-apoptotic protein BCL2 via its interaction with WT1. Seems also to be a transcriptional repressor by itself. May be directly involved in regulating the amyloid precursor protein (APP) cleavage activity of BACE1.
組織特異性	Widely expressed. Expression is elevated in various neurodegenerative diseases such as amyotrophic lateral sclerosis, Alzheimer, Parkinson and Huntington diseases and stroke. Down-regulated in several cancers.
ドメイン	The leucine-zipper domain is not essential for apoptosis, but is required for sensitization of cells to exogenous apoptotic insults and for interaction with its partners. The SAC domain is a death-inducing domain selective for apoptosis induction in cancer cells. This domain is essential for nuclear entry, Fas activation, inhibition of NF-kappa-B activity and induction of apoptosis in cancer cells.
翻訳後修飾	Preferentially phosphorylated at the Thr-163 by PKC in cancer cells.
細胞内局在	Cytoplasm. Nucleus. Mainly cytoplasmic in absence of apoptosis signal and in normal cells. Nuclear in most cancer cell lines. Nuclear entry seems to be essential but not sufficient for apoptosis (By similarity). Nuclear localization includes nucleoplasm and PML nuclear bodies.

画像



SDS-PAGE - Recombinant Human PAR4 protein (ab114724)

12.5% SDS-PAGE Stained with Coomassie Blue

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